

11-29-55

W. B. Rankin, Assistant to the Commissioner
Food and Drug Administration, Dept. of H&M

NOV 29 1955

W. G. Reed, Head, Pesticide Regulation Section
Plant Pest Control Branch, ARS, USDA

Petition for a tolerance of 25 parts per million for Hydrocyanic Acid
submitted by American Cyanamid Company and accepted for filing
September 30, 1955.

We have completed our examination of the residue data, analytical methods employed, and other pertinent information which were contained in the petition for a tolerance for hydrocyanic acid. In accordance with the requirements of Public Law 518, we herein offer an opinion as to whether the proposed tolerance reasonably reflects the amount of residue likely to result when this pesticide chemical is used as directed on the proposed labeling.

A tolerance of 25 parts per million is proposed for the following crops:

Grains

Rye
Barley
Wheat
Rice (rough and polished)
Corn, including popcorn

Edible Dried Seeds

Dried beans, including navy beans
lima beans, kidney beans, and cocoa beans
Dried peas, including cow peas,
chick peas, and blackeyed peas

Nuts

Walnuts
Pecans
Peanuts
Almonds
Cashews

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It is difficult to estimate the amount of residue of hydrocyanic acid likely to result in the above crops, in the absence of a specified period of aeration. The fumigation manual, which was made a part of the petition states that after 24-72 hours aeration, little or no hydrocyanic acid can be detected in the fumigated commodities. It is the opinion of this Department that the amount of residue of hydrocyanic acid likely to result in the commodities named in the petition following an aeration period of 24 hours will not be likely to exceed 15 parts per million.

FHHarris:ack
11-28-55

W. G. Reed

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